

PATENT

## PATENT ATTORNEY DOCKET NO. 112430.134US2

Certificate of Mailing: Date of Deposit: July 17, 2003

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Amy R. Schofield

Printed name of person mailing correspondence

Signature of person mailing correspondence

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lee et al.

Art Unit:

1616

Serial No.:

09/284,297

Examiner:

Neil S. Levy

Filed:

July 5, 2000

Customer No.:

23483

Title:

METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM

PHOSPHATE AND METHODS OF ITS USE

Mail Stop Non-Fee Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

## PETITION FOR EXTENSION OF TIME

Pursuant to 37 C.F.R. § 1.136, Applicant hereby petitions that the period for replying to the Office Action mailed January 17, 2003, be extended for three months to and including July 17, 2003. Please charge the fees set forth in 37 C.F.R 1.17 to our Deposit Account 08-0219.

If there are any other charges, or any credits, please apply them to Deposit Account No. 08-0219.

07/23/2003 MBIZUNES 00000130 080219 09284297

01 FC:2253

465.00 DA

U.S.S.N. 09/284,297 Filed July 5, 2000

Respectfully submitted,

Date: July 17, 2003

Amy R. Schofield Reg. No. P54,427

Hale and Dorr LLP 60 State Street Boston, Massachusetts 02109 Telephone: (617) 526-6000

Facsimile: (617) 526-5000

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651/0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL		Complete if Known		
		Application Number	09/284,297	
11 21 2003 Stor EV 2	000	Filing Date	09/284,297 07/05/2000 Dosuk D. Lee N. Levy	
JUL 2 1 2013 For FY 2002		First Named Inventor	Dosuk D. Lee	
Patent fees are subject to a	nnual revision.	Examiner Name	N. Levy	
Patent fees are subject to annual revision.		Group Art Unit	1616	
TOTAL AMOUNT OF PAYMENT	(\$) 460.00	Attorney Docket No.	112430.134US2	

118 1,440 218 720   Extension for reply within fourth month   128 1,960 228 980   Extension for reply within fourth month   128 1,960 228 980   Extension for reply within fourth month   128 1,960 228 980   Extension for reply within fifth month   128 1,960 248 129 129   160 Notice of Appeal	METHOD OF PAYMENT	FEE CALCULATION (continued)			
Large Field   Substitution   Subst		3. ADDITIONAL FEES			
Account   Hale and Dorr LLP   Fee	indicated fees and credit any overpayments to.	Large Small			
Code (\$) C	Account 08-0219		Eas Daid		
Account Name    Charge Any Additional Fee Required   127 50 227 25   Surcharge - late filing fee or cath   127 50 227 25   Surcharge - late filing fee or cover sheet   128 568 37 CFR 1.27   129 20			Tee Faid		
Charge Any Additional Fee Required Under 37 CFR 1.18 and 1.17   Applicant claims small entity states. See 37 CFR 1.28 and 1.17   Applicant claims small entity states. See 37 CFR 1.28 and 1.17   Applicant claims small entity states. See 37 CFR 1.28 and 1.17   Applicant claims small entity states. See 37 CFR 1.28 and 1.17   Applicant claims small entity	Account   Hale and Dorr LLP	105 130 205 65 Surcharge - late filing fee or oath			
2.	Charge Any Additional Fee Required		-		
2. Payment Enclosed: Check Credit card Money Order Other Order Ord		139 130 139 130 Non-English specification			
Check   Credit card   Money   Other		147 2,520 147 2,520 For filing a request for ex parte reexamination			
1.   BASIC FILING FEE   Large Entity Small Entity   Fee	Check C Credit card Money C Caboo				
1. BASIC FILING FEE  Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Paid  101 740 201 370 Utility filing fee 106 330 206 165 Design filing fee 107 510 207 256 Plant filing fee 114 160 214 80 Provisional filing fee 114 160 214 80 Provisional filing fee 115 110 215 55 Extension for reply within first month 118 1,440 218 720  128 219 160 Notice of Appeal 129 320 219 160 Notice of Appeal 120 320 220 160 Filing a brief in support of an appeal 121 280 221 140 Request for oral hearing 122 1280 221 140 Request for oral hearing 138 1,510 138 1,510 Petition to institute a public use proceeding 140 120 240 55 Petition to revive - unavoidable 141 1,280 242 640 Utility issue fee (or reissue) 142 1,280 242 Utility issue fee (or reissue) 143 460 243 230 Design issue fee 144 1,280 242 310 Petition to revive - unintentional 145 180 280 284 180 Processing fee under 37 CFR 1.17(q) 146 581 40 581 40 Submission of Information Disclosure Stmt Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	Cologi Co				
Large Entity Small Entity Fee	MODERNICA AND CONTROL OF FIRM OF STATE	115 110 215 55 Extension for reply within first month			
Total Claims		116 400 216 200 Extension for reply within second month			
118   1,440   218   720   Extension for reply within fourth month   128   1,960   228   980   Extension for reply within finith month   128   1,960   228   980   Extension for reply within finith month   128   1,960   228   980   Extension for reply within finith month   128   1,960   228   980   Extension for reply within finith month   128   1,960   228   980   Extension for reply within finith month   128   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   228   980   Extension for reply within finith month   148   1,960   229   160   Notice of Appeal   120   220   160   Filling a brief in support of an appeal   120   220   160   Filling a brief in support of an appeal   120   220   160   Political particular	Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month	460.00		
106 330    206 165    Design filing fee		118 1,440 218 720 Extension for reply within fourth month			
107 510 207 255 Plant filing fee		128 1,960 228 980 Extension for reply within fifth month			
108 740 208 370 Reissue filing fee		119 320 219 160 Notice of Appeal			
SUBTOTAL (1) (\$) 0.00  2. EXTRA CLAIM FEES  Total Claims	·	120 320 220 160 Filing a brief in support of an appeal			
SUBTOTAL (1) (\$) 0.00  138 1,510 138 1,510 Petition to institute a public use proceeding  Petition to revive - unavoidable  Petition to revive - unintentional  Utility issue fee (or reissue)  Design issue fee  Plant issue fee  Petition to revive - unintentional  Utility issue fee (or reissue)  Petition to revive - unintentional  Utility issue fee (or reissue)  Petition to revive - unintentional  Utility issue fee (or reissue)  Petition to revive - unintentional  Utility issue fee (or reissue)  Petition to revive - unintentional  Utility issue fee (or reissue)  Petition to revive - unavoidable  Petition to reviv	Ţ	121 280 221 140 Request for oral hearing			
2. EXTRA CLAIM FEES  Total Claims Independent In		138 1,510 138 1,510 Petition to institute a public use proceeding			
Total Claims Independent Claims Multiple Dependent  Large Entity Small Entity Fee	SUBTOTAL (1) (\$) 0.00	140 110 240 55 Petition to revive - unavoidable			
Total Claims		141 1,280 241 640 Petition to revive - unintentional			
Total Claims Independent  -20** =	Ext <u>ra Claims below Fee Paid</u>	142 1,280 242 640 Utility issue fee (or reissue)			
Claims Multiple Dependent    12   130   122   130   122   130   Petitions to the Commissioner	Total Claims20** = X =	143 460 243 230 Design issue fee			
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20  104 280 204 140 Multiple dependent claims in excess of 3  109 84 209 42 "Reissue independent claims over original patent"  100 18 210 9 "Reissue claims in excess of 20 and over original patent"  110 18 210 9 "Reissue claims in excess of 20 and over original patent"  122 130 122 130 Petitions to the Commissioner  123 50 123 50 Processing fee under 37 CFR 1.17(q)  126 180 126 180 Submission of Information Disclosure Stmt Fee Pee Fee Fee Fee Fee Fee Fee Fee Fee	Claims - 3	*** 0-0 -** 0.0			
Large Entity Small Entity Fee	Multiple Dependent 0 = 0	122 130 122 130 Petitions to the Commissioner			
Fee Fee Code (\$)  Code (\$)  Code (\$)  Claims in excess of 20  102 84 202 42 Independent claims in excess of 3  104 280 204 140 Multiple dependent claims over original patent  109 84 209 42 ** Reissue independent claims over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 9 ** Reissue claims in excess of 20 and over original patent  100 18 210 18 20 581 40 8 Recording each patent assignment per property (times number of properties)  1146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))  1149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))  115 18 18 10 18 10 58 140 Recording each patent assignment per property (times number of properties)  115 18 10 18 20 58 140 Recording each patent assignment per property (times number of pr					
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20  102 84 202 42 Independent claims in excess of 3  104 280 204 140 Multiple dependent claim, if not paid  109 84 209 42 **Reissue independent claims over original patent  110 18 210 9 **Reissue claims in excess of 20 and over original patent  179 740 279 370 Request for Continued Examination (RCE)  181 40 581 40 Recording each patent assignment per property (times number of properties)  146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))  149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))  179 740 279 370 Request for Continued Examination of a design application		126 180 126 180 Submission of Information Disclosure Stmt			
104 280 204 140 Multiple dependent claims in excess of 20 and over original patent (##) 0 00 Cher for (specific)	Code (\$) Code (\$)				
over original patent  110 18 210 9 ** Reissue claims in excess of 20 and over original patent  179 740 279 370 Request for Continued Examination (RCE)  169 900 169 900 Request for expedited examination of a design application			R 16		
and over original patent  169 900 169 900 Request for expedited examination of a design application  Other for (specify)	109 84 209 42 ** Reissue independent claims	149 740 249 370 For each additional invention to be	00/		
and over original patent  169 900 169 900 Request for expedited examination of a design application  Other for (specify)	- '	179 740 279 370 Request for Continued Examination (RCE)	ဗ္ဗို		
(C) 0 00 Other foo (crecify)		169 900 169 900 Request for expedited examination	<u> </u>		
	SUBTOTAL (2) (\$) 0.00	•			
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 460.00		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 46	0.00		

SUBMITTED BY		Complete (ii	f applicable)
Name (Print/Type)	Amy R. Schofield, Reg. No. P54,427 Registration No. P54,427	Telephone	(617)526-6697
Signature	any & Johnseld	Date	07/17/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide crodit card information and authorization on PTO-2038.

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
and to a collection of information unless it displays a valid OMB control purpose.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of	r 1995, no persons are required to	respond to a collection of int	ormation unless it displays a valid Olvib control number.
OIPE		Application Numb	er 09/284,297
1 2 1 2003 FRAN	SMITTAL	Filing Date	07/05/2000
JUL 2 1 2000 - 1	ORM	First Named Inven	otor Dosuk D. Lee
used for all corre	espondence after initial filing)	Group Art Unit	1616
	*	Examiner Name	N. Levy
Total Number of Page	es in This Submission 37	Attorney Docket Nu	ımber 112430.134US2
	ENC	LOSURES (ch	eck all that apply)
Fee Transmittal Form Fee Attached  Amendment / Reply After Final Affidavits/declaration  Extension of Time Request  Express Abandonment Ret Information Disclosure State Certified Copy of Priority Document(s) Response to Missing Part Incomplete Application Response to Missing under 37 CFR 1.52	petitio Petitio Provis Power Chang Addres Termir Request CD, N Remarks	n n to Convert to a ional Application of Attorney, Revocation e of Correspondence	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information  Status Letter Other Enclosure(s) (please identify below): - Postcard; Petition for Three-Month Extension of Time; References Cited in Reply  OR AGENT
	SIGNATURE OF APPL	ICANT, ATTORNEY,	OR AGENT
Firm or Individual name	Amy R. Schofield, Reg.	No. P54,427	100000
Date	(	07/17/20	003
	CERTIFIC	CATE OF MAILING	,
hereby certify that this correspon nail in an envelope addressed to:	dence is being deposited with	the United States Postal	Service with sufficient postage as first class this date: 07/17/2003
Typed or printed name	Amy R. Schofield		
Signature	lung Roch	and	Date 07/17/2003
	7	A	and the second of the best day of the Asia assistance

Burden Hour Statement: This form is estimated to take 0.2 hours to commets. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.